

AQUACULTURE DRUG RESEARCH RELATED LITERATURE

Antibiotics and Bacteria

- Aly, SM, et al. 2008. Studies on *Bacillus subtilis* and *Lactobacillus acidophilus*, as potential probiotics, on the immune response and resistance of *Tilapia nilotica* (*Oreochromis niloticus*) to challenge infections. *Fish & Shellfish Immunology* **25(1-2):128-136**.
- Avendano-Herrera, R, et al. 2008. Evolution of drug resistance and minimum inhibitory concentration to enrofloxacin in *Tenacibaculum maritimum* strains isolated in fish farms. *Aquaculture International* **16(1):1-11**.
- Balasubramanian, G, et al. 2008. Studies on the immunomodulatory effect of extract of *Cyanodon dactylon* in shrimp *Penaeus monodon* and its efficacy to protect the shrimp from white spot syndrome virus (WSSV). *Fish & Shellfish Immunology* **25(6):820-828**.
- Barnes, ME, et al. 2009. Effect of *Flavobacterium columnare* inoculation, antibiotic treatments and resident bacteria on rainbow trout *Oncorhynchus mykiss* eyed egg survival and external membrane structure. *Journal of Fish Biology* **74(3):576-590**.
- Bowser, PR, et al. 2009. Florfenicol residues in Nile tilapia after 10-d oral dosing in feed: effect of fish size. *Journal of Aquatic Animal Health* **21(1):14-17**.
- Caipang, C, et al. 2009. In vivo modulation of immune response and antioxidant defense in Atlantic cod, *Gadus morhua*, following oral administration of oxolinic acid and florfenicol. *Comparative Biochemistry and Physiology, Part C: Toxicology & Pharmacology* **150(4):459-464**.
- Chafer-Pericas, C, et al. 2010. Immunochemical determination of oxytetracycline in fish: comparison between enzymatic and time-resolved fluorometric assays. *Analytica Chimica Acta* **662(2):177-185**.
- Chafer-Pericas, C, et al. 2010. Multiresidue determination of antibiotics in aquaculture fish samples by HPLC-MS-MS. *Aquaculture Research* **41(9):e217-e225**.
- Chafer-Pericas, C, et al. 2010. Multiresidue determination of antibiotics in aquaculture fish samples by HPLC-MS-MS. *Aquaculture Research* **41(9):e217-e225**.
- Cizek, A, et al. 2010. Antimicrobial resistance and its genetic determinants in aeromonads isolated in ornamental (koi) carp (*Cyprinus carpio koi*) and common carp (*Cyprinus carpio*). *Veterinary Microbiology* **142(3-4):435-439**.
- Dang, H, et al. 2009. Molecular characterizations of chloramphenicol- and oxytetracycline-resistant bacteria and resistance genes in mariculture waters of China. *Marine Pollution Bulletin* **58(7):987-994**.
- Dang, PK, et al. 2010. Validation of a two-plate microbiological method for screening antibiotic residues in shrimp tissue. *Analytica Chimica Acta* **672(1-2):30-39**.
- Dang, PK, et al. 2010. Validation of a two-plate microbiological method for screening antibiotic residues in shrimp tissue. *Analytica Chimica Acta* **672(1-2):30-39**.

- Darwish, AM, et al. 2008. *In Vitro* and *in vivo* evaluation of potassium permanganate treatment efficacy for the control of acute experimental infection by *Flavobacterium columnare* in channel catfish. *North American Journal of Aquaculture* **70(3):314-322**.
- Darwish, AM, and Mitchell, AJ. 2009. Evaluation of diquat against an acute experimental infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque). *Journal of Fish Diseases* **32(5):401-408**.
- Darwish, AM, et al. 2009. Evaluation of potassium permanganate against an experimental subacute infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque). *Journal of Fish Diseases* **32(2):193-199**.
- Darwish, AM, et al. 2010. Evaluation of the therapeutic effect of potassium permanganate at early stages of an experimental acute infection of *Flavobacterium columnare* in channel catfish, *Ictalurus punctatus* (Rafinesque). *Aquaculture Research* **41(10):1479-1485**.
- Darwish, AM. 2010. Effectiveness of early intervention with florfenicol on a *Streptococcus iniae* infection in blue tilapia. *North American Journal of Aquaculture* **72(4):354-360**.
- Darwish, AM. 2010. Effectiveness of early intervention with florfenicol on a *Streptococcus iniae* infection in blue tilapia. *North American Journal of Aquaculture* **72(4):354-360**.
- Das, A, et al. 2009. Antimicrobial resistance and in vitro gene transfer in bacteria isolated from the ulcers of EUS-affected fish in India. *Letters in Applied Microbiology* **49(4):497-502**.
- Dasenaki, ME, and Thomaidis, NS. 2010. Multi-residue determination of seventeen sulfonamides and five tetracyclines in fish tissue using a multi-stage LC-ESI-MS/MS approach based on advanced mass spectrometric techniques. *Analytica Chimica Acta* **672(1-2):93-102**.
- Dasenaki, ME, and Thomaidis, NS. 2010. Multi-residue determination of seventeen sulfonamides and five tetracyclines in fish tissue using a multi-stage LC-ESI-MS/MS approach based on advanced mass spectrometric techniques. *Analytica Chimica Acta* **672(1-2):93-102**.
- Del Cerro, A, et al. 2010. Genetic diversity and antimicrobial resistance of *Flavobacterium psychrophilum* isolated from cultured rainbow trout, *Onchorynchus mykiss* (Walbaum), in Spain. *Journal of Fish Diseases* **33(4):285-291**.
- Dung, TT, et al. 2009. IncK plasmid-mediated tetracycline resistance in *Edwardsiella ictaluri* isolates from diseased freshwater catfish in Vietnam. *Aquaculture* **295(3-4):157-159**.
- Fagutao, FF, et al. 2009. Differential gene expression in black tiger shrimp, *Penaeus monodon*, following administration of oxytetracycline and oxolinic acid. *Developmental & Comparative Immunology* **33(10):1088-1092**.
- Fang, M-J, et al. 2009. Isolation, determination and bacteriostasis test of the bacterial septicemia from *Aemibarbus maculatus*. *Fisheries Science* **28(12):717-720**.
- Faroongsarng, D, et al. 2009. Hepatopancreatic and muscular distribution of oxytetracycline antibiotics in farmed pacific white shrimp (*Penaeus vannamei*): a physiological-based pharmacokinetic model approach. *Aquaculture Research* **41(1):143-152**.
- Feng, JB, and Jia, XP. 2009. Single dose pharmacokinetic study of florfenicol in tilapia (*Oreochromis niloticus* × *O. aureus*) held in freshwater at 22°C. *Aquaculture* **289(1-2):129-133**.

- Feng, JB, et al. 2008. Tissue distribution and elimination of florfenicol in tilapia (*Oreochromis niloticus* × *O. caureus*) after a single oral administration in freshwater and seawater at 28°C. *Aquaculture* **276(1-4):29-35**.
- Feng, Q, et al. 2010. Kinetic analysis of oxytetracycline residues in Chinese mitten crab, *Eriocheir sinensis*, muscle following intramuscular administration. *Journal of Fish Diseases* **33(8):639-647**.
- Feng, Q, et al. 2010. Kinetic analysis of oxytetracycline residues in Chinese mitten crab, *Eriocheir sinensis*, muscle following intramuscular administration. *Journal of Fish Diseases* **33(8):639-647**.
- Fierro, J, and Oliva, D. 2009. Effect of antibiotic treatment on the growth and survival of juvenile northern Chilean scallop, *Argopecten purpuratus* Lamarck (1819), and associated microflora in experimental cultures. *Aquaculture Research* **40(12):1358-1362**.
- Gaikowski, MP, et al. 2009. Histopathology of repeated, intermittent exposure of chloramine-T to walleye *Sander vitreum* and channel catfish *Ictalurus punctatus*. *Aquaculture* **287(1-2):28-34**.
- Gaunt, P, et al. 2010. Efficacy of florfenicol for control of mortality caused by *Flavobacterium columnare* infection of channel catfish. *Journal of Aquatic Animal Health* **22(2):115-122**.
- Gaunt, PS, et al. 2010. Determination of florfenicol dose rate in feed for control of mortality in Nile tilapia infected with *Streptococcus iniae*. *Journal of Aquatic Animal Health* **22(3):158-166**.
- Geng, Yi, et al. 2010. *Stenotrophomonas maltophilia*, an emerging opportunist pathogen for cultured channel catfish, *Ictalurus punctatus*, in China. *Aquaculture* **308(3-4):132-135**.
- Glover, KA, et al. 2010. Pharmacokinetics of emamectin benzoate administered to Atlantic salmon, *Salmo salar* L., by intra-peritoneal injection. *Journal of Fish Diseases* **33(2):183-186**.
- Godoy, DT, et al. 2008. Patterns of resistance to florfenicol and bicyclomycin in Brazilian strains of motile aeromonads. *Aquaculture* **285(1-4):255-259**.
- Gomez-Jimenez, S, et al. 2008. Oxytetracycline (OTC) accumulation and elimination in hemolymph, muscle, and hepatopancreas of white shrimp *Litopenaeus vannamei* following an OTC-feed therapeutic treatment. *Aquaculture* **274(1):24-29**.
- Gonzalez, RR, et al. 2010. Depletion of veterinary drugs used in aquaculture after administration in feed to gilthead seabream (*Sparus aurata*). *Journal of Food Protection* **73(9):1664-1670**.
- Gonzalez, RR, et al. 2010. Depletion of veterinary drugs used in aquaculture after administration in feed to gilthead seabream (*Sparus aurata*). *Journal of Food Protection* **73(9):1664-1670**.
- Haggard, BE, and Bartsch, LD. 2009. Net changes in antibiotic concentrations downstream from an effluent discharge. *Journal of Environmental Quality* **38(1):343-352**.
- Hargrave, BT, et al. 2008. A micro-dilution method for detecting oxytetracycline-resistant bacteria in marine sediments from salmon and mussel aquaculture sites and an urbanized harbour in Atlantic Canada. *Marine Pollution Bulletin* **56(8):1439-1445**.

- Harikrishnan, R, and Balasundaram, C. 2009. *In vitro* and *in vivo* studies of the use of some medicinal herbals against the pathogen *Aeromonas hydrophila* in goldfish. *Journal of Aquatic Animal Health* **20(3):165-176**.
- Harikrishnan, R, and Balasundaram, C. 2009. *In vitro* and *in vivo* studies of the use of some medicinal herbals against the pathogen *Aeromonas hydrophila* in goldfish. *Journal of Aquatic Animal Health* **20(3):165-176**.
- Harikrishnan, R, et al. 2010. Scuticociliatosis and its recent prophylactic measures in aquaculture with special reference to South Korea. *Fish & Shellfish Immunology* **29(1):15-31**.
- Harikrishnan, R, et al. 2010. Scuticociliatosis and its recent prophylactic measures in aquaculture with special reference to South Korea. *Fish & Shellfish Immunology* **29(1):15-31**.
- Hesami, S, et al. 2010. Antimicrobial susceptibility of *Flavobacterium psychrophilum* from Ontario. *Journal of Aquatic Animal Health* **22(1):39-49**.
- Hoegfors, E, et al. 2008. Immunization of rainbow trout, *Oncorhynchus mykiss* (Walbaum), with a low molecular mass fraction isolated from *Flavobacterium psychrophilum*. *Journal of Fish Diseases* **31(12):899-911**.
- Hoj, L, et al. 2009. Localization, abundance and community structure of bacteria associated with *Artemia*: effects of nauplii enrichment and antimicrobial treatment. *Aquaculture* **293(3-4):278-285**.
- Jia, A, et al. 2009. Simultaneous determination of tetracyclines and their degradation products in environmental waters by liquid chromatography-electrospray tandem mass spectrometry. *Journal of Chromatography A* **1216(22):4655-4662**.
- Kayis, S, et al. 2009. Bacteria in rainbow trout (*Oncorhynchus mykiss*) in the southern Black Sea region of Turkey - a survey. *Israeli Journal of Aquaculture/Bamidgeh* **61(4):339-344**.
- Kitiyodom, S, et al. 2010. Characterization of antibiotic resistance in *Vibrio* spp. isolated from farmed marine shrimps (*Penaeus monodon*). *FEMS Microbiology Ecology* **72(2):219-227**.
- Kitiyodom, S, et al. 2010. Characterization of antibiotic resistance in *Vibrio* spp. isolated from farmed marine shrimps (*Penaeus monodon*). *FEMS Microbiology Ecology* **72(2):219-227**.
- Kosoff, RE, et al. 2009. Florfenicol residues in three species of fish after 10-d oral dosing in feed. *Journal of Aquatic Animal Health* **21(1):8-13**.
- Krupesha Sharma, SR, et al. 2010. Evaluation of immune response and resistance to diseases in tiger shrimp, *Penaeus monodon*, fed with biofilm of *Vibrio alginolyticus*. *Fish & Shellfish Immunology* **29(5):724-732**.
- Krupesha Sharma, SR, et al. 2010. Evaluation of immune response and resistance to diseases in tiger shrimp, *Penaeus monodon*, fed with biofilm of *Vibrio alginolyticus*. *Fish & Shellfish Immunology* **29(5):724-732**.
- Kum, C, et al. 2008. Comparison of *in vitro* antimicrobial susceptibility in *Flavobacterium psychrophilum* isolated from rainbow trout fry. *Journal of Aquatic Animal Health* **20(4):245-251**.

- Kunttu, HMT, et al. 2009. The efficacy of two immunostimulants against *Flavobacterium columnare* infection in juvenile rainbow trout (*Oncorhynchus mykiss*). *Fish & Shellfish Immunology* **26(6):850-857**.
- Lai, H, et al. 2009. Effects of chloramphenicol, florfenicol, and thiamphenicol on growth of algae *Chlorella pyrenoidosa*, *Isochrysis galbana*, and *Tetraselmis chui*. *Ecotoxicology and Environmental Safety* **72(2):329-334**.
- Lee, S, et al. 2010. Chemical composition and antimicrobial activity of the essential oil of *Syzygium aromaticum* flower bud (Clove) against fish systemic bacteria isolated from aquaculture sites. *Frontiers of Agriculture in China* **3(3):332-336**.
- Li, H, et al. 2010. In vitro antibacterial activities and postantibiotic effects of marbofloxacin against main marine pathogenic Vibrios. *Journal of Fishery Sciences of China* **17(1):97-102**.
- Li, SS, and Tsai, H. 2009. Transgenic microalgae as a non-antibiotic bactericide producer to defend against bacterial pathogen infection in the fish digestive tract. *Fish & Shellfish Immunology* **26(2):316-325**.
- Lim, JH, et al. 2010. Plasma and tissue depletion of florfenicol in olive flounder (*Paralichthys olivaceus*) after oral administration. *Aquaculture* **307(1-2):71-74**.
- Lim, JH, et al. 2010. Plasma and tissue depletion of florfenicol in olive flounder (*Paralichthys olivaceus*) after oral administration. *Aquaculture* **307(1-2):71-74**.
- Lin, C-Y, et al. 2010. Transgenic zebrafish eggs containing bactericidal peptide is a novel food supplement enhancing resistance to pathogenic infection of fish. *Fish & Shellfish Immunology* **28(3):419-427**.
- Liu, W-L, et al. 2010. Supercritical fluid extraction *in situ* derivatization for simultaneous determination of chloramphenicol, florfenicol and thiamphenicol in shrimp. *Food Chemistry* **121(3):797-802**.
- Lu, W-H, et al. 2010. Identification and drug sensitive test of the pathogen in acinetobacter disease from hybrid Crucian carp (*Carassius auratus gibelio* female \times *Cyprinus carpio* male). *Fisheries Science* **29(3):156-161**.
- Ma, CW, et al. 2009. Removal of pathogenic bacteria and nitrogens by *Lactobacillus* spp. JK-8 and JK-11. *Aquaculture* **287(3-4):266-270**.
- Meng, W-N, et al. 2010. Antioxidant responses in liver of *Carassius auratus* under oxytetracycline exposure. *Journal of Agro-Environment Science* **29(5):833-838**.
- Meng, W-N, et al. 2010. Antioxidant responses in liver of *Carassius auratus* under oxytetracycline exposure. *Journal of Agro-Environment Science* **29(5):833-838**.
- Navarrete, P, et al. 2009. Oxytetracycline treatment reduces bacterial diversity of intestinal microbiota of Atlantic salmon. *Journal of Aquatic Animal Health* **20(3):177-183**.
- Nya, EJ, et al. 2010. The garlic component, allicin, prevents disease caused by *Aeromonas hydrophila* in rainbow trout, *Oncorhynchus mykiss* (Walbaum). *Journal of Fish Diseases* **33(4):293-300**.
- Ohno, Y, et al. 2009. The effect of oral antibiotic treatment and freshwater bath treatment on susceptibility to *Neobenedenia girellae* (Monogenea) infection of amberjack (*Seriola dumerili*) and yellowtail (*S. quinqueriata*) hosts. *Aquaculture* **292(3-4):248-251**.

- Penesyan, A, et al. 2009. Antimicrobial activity observed among cultured marine epiphytic bacteria reflects their potential as a source of new drugs. *FEMS Microbiology Ecology* **69(1):113-124**.
- Pieters, N, et al. 2008. Efficacy of in-feed probiotics against *Aeromonas bestiarum* and *Ichthyophthirius multifiliis* skin infections in rainbow trout (*Oncorhynchus mykiss*, Walbaum). *Journal of Applied Microbiology* **105(3):723-732**.
- Poapolathep, A, et al. 2008. Distribution and residue depletion of oxytetracycline in giant freshwater prawn (*Macrobrachium rosenbergii*). *Journal of Food Protection* **71(4):870-873**.
- Pouliquen, H, et al. 2009. Comparison of water, sediment, and plants for the monitoring of antibiotics: a case study on a river dedicated to fish farming. *Environmental Toxicology and Chemistry* **28(3):496-502**.
- Qi, Z, et al. 2009. Probiotics in aquaculture of China - current state, problems and prospect. *Aquaculture* **290(1-2):15-21**.
- Rambla-Alegre, M, et al. 2010. Analysis of selected veterinary antibiotics in fish by micellar liquid chromatography with fluorescence detection and validation in accordance with regulation. *Food Chemistry* **123(4):1294-1302**.
- Rambla-Alegre, M, et al. 2010. Analysis of selected veterinary antibiotics in fish by micellar liquid chromatography with fluorescence detection and validation in accordance with regulation. *Food Chemistry* **123(4):1294-1302**.
- Randrianarivelo, R, et al. 2010. Novel alternative to antibiotics in shrimp hatchery: effects of the essential oil of *Cinnamosma fragrans* on survival and bacterial concentration of *Penaeus monodon* larvae. *Journal of Applied Microbiology* **109(2):642-650**.
- Randrianarivelo, R, et al. 2010. Novel alternative to antibiotics in shrimp hatchery: effects of the essential oil of *Cinnamosma fragrans* on survival and bacterial concentration of *Penaeus monodon* larvae. *Journal of Applied Microbiology* **109(2):642-650**.
- Ransangan, J, and Mustafa, S. 2009. Identification of *Vibrio harveyi* isolated from diseased Asian sea bass *Lates calcarifer* by use of 16S ribosomal DNA sequencing. *Journal of Aquatic Animal Health* **21(3):150-155**.
- Rattanachaikunsopon, P, and Phumkhachorn, P. 2010. Use of Asiatic pennywort *Centella asiatica* aqueous extract as a bath treatment to control columnaris in Nile tilapia. *Journal of Aquatic Animal Health* **22(1):14-20**.
- Rhodes, LD, et al. 2008. Characterization of *Renibacterium salmoninarum* with reduced susceptibility to macrolide antibiotics by a standardized antibiotic susceptibility test. *Diseases of Aquatic Organisms* **80(3):173-180**.
- Rosenblum, ES, et al. 2008. Efficacy, tissue distribution, and residue depletion of oxytetracycline in WS-RLP infected California red abalone *Haliotis rufescens*. *Aquaculture* **277(3-4):138-148**.
- Ruangpan, L, and Chaweeapark, T. 2009. Monitoring antimicrobial usage in marine shrimp farms. *Israeli Journal of Aquaculture/Bamidgeh* **61(3):287 (abstract of oral presentation)**.
- Russo, R, and Yanong, RPE. 2009. Efficacy of vaccination against *Streptococcus iniae* during artificial spawning of the red-tail black shark (*Epalzeorhynchus bicolor*, family Cyprinidae). *Journal of Applied Aquaculture* **21(1):10-20**.

- Samuelsen, OB. 2010. A single-dose pharmacokinetic study of emamectin benzoate in cod, *Gadus morhua* L., held in sea water at 9 C. *Journal of Fish Diseases* **33(2):137-142**.
- Sanabria, C, et al. 2009. Effects of commonly used disinfectants and temperature on swim bladder non-inflation in freshwater angelfish, *Pterophyllum scalare* (Lichtenstein). *Aquaculture* **292(3-4):158-165**.
- Schrader, K, et al. 2010. *In vitro* evaluation of the antimicrobial agent AquaFrin™ as a bactericide and selective algicide for use in channel catfish culture. *North American Journal of Aquaculture* **72(4):304-308**.
- Schrader, K, et al. 2010. *In vitro* evaluation of the antimicrobial agent AquaFrin™ as a bactericide and selective algicide for use in channel catfish culture. *North American Journal of Aquaculture* **72(4):304-308**.
- Seifrtova, M. et al. 2009. An overview of analytical methodologies for the determination of antibiotics in environmental waters. *Analytica Chimica Acta* **649(2):158-179**.
- Shoemaker, CA, et al. 2010. Protection against heterologous *Streptococcus iniae* isolates using a modified bacterin vaccine in Nile tilapia, *Oreochromis niloticus* (L.). *Journal of Fish Diseases* **33(7):537-544**.
- Shoemaker, CA, et al. 2010. Protection against heterologous *Streptococcus iniae* isolates using a modified bacterin vaccine in Nile tilapia, *Oreochromis niloticus* (L.). *Journal of Fish Diseases* **33(7):537-544**.
- Smith, P, et al. 2008. Reducing inter-operator variation in disc diffusion assays by the inclusion of internal controls in a standard susceptibility test protocol. *Aquaculture* **285(1-4):273-276**.
- Smith, P, et al. 2009. A rapid method of improving the criteria being used to interpret disc diffusion antimicrobial susceptibility test data for bacteria associated with fish diseases. *Aquaculture* **290(1-2):172-178**.
- Stuart, KR, et al. 2010. Efficacy of formalin and povidone-iodine disinfection techniques on the eggs of three marine finfish species. *Aquaculture Research* **41(11):e838-e843**.
- Sun, K, et al. 2009. Genetic mechanisms of multi-antimicrobial resistance in a pathogenic *Edwardsiella tarda* strain. *Aquaculture* **289(1-2):134-139**.
- Sun, Y-X, et al. 2010. Tissue distribution and elimination of florfenicol in crucian carp (*Carassius auratus cuvieri*) after a single dose intramuscular or oral administration. *Aquaculture* **309(1-4):82-85**.
- Takano, T, et al. 2010. The efficacy of five avirulent *Edwardsiella tarda* strains in a live vaccine against edwardsiellosis in Japanese flounder, *Paralichthys olivaceus*. *Fish & Shellfish Immunology* **29(4):687-693**.
- Takano, T, et al. 2010. The efficacy of five avirulent *Edwardsiella tarda* strains in a live vaccine against edwardsiellosis in Japanese flounder, *Paralichthys olivaceus*. *Fish & Shellfish Immunology* **29(4):687-693**.
- Temple, E, and Langdon, C. 2009. Delivering oxytetracycline to first-feeding zebrafish *Danio rerio* (Hamilton) and goby *Asterropteryx semipunctata* (Rueppell) larvae using lipid spray beads. *Journal of Fish Diseases* **32(3):279-292**.

- van der Grinten, E, et al. 2010. Comparing the sensitivity of algal, cyanobacterial and bacterial bioassays to different groups of antibiotics. *Chemosphere* **80(1):1-6**.
- van der Grinten, E, et al. 2010. Comparing the sensitivity of algal, cyanobacterial and bacterial bioassays to different groups of antibiotics. *Chemosphere* **80(1):1-6**.
- Vendrell, D, et al. 2008. Minimum inhibitory concentrations of erythromycin in *Lactococcus garvieae* strains isolated from cultured rainbow trout (*Oncorhynchus mykiss*) in Spain. *Bulletin of the European Association of Fish Pathologists* **28(3):125-128**.
- Verner - Jeffreys, DW, et al. 2009. Development of bactericidal and virucidal testing standards for aquaculture disinfectants. *Aquaculture* **286(3-4):190-197**.
- Wang, N, et al. 2009. Adverse effects of enrofloxacin when associated with environmental stress in Tra catfish (*Pangasianodon hypophthalmus*). *Chemosphere* **77(11):1577-1584**.
- Wu, T, et al. 2008. Medication of the tremor disease in Chinese mitten crab *Eriocheir sinensis*. *Fisheries Science* **27(7):325-329**.
- Yeh, RY, et al. 2009. Evaluation of the antibacterial activity of leaf and twig extracts of stout camphor tree, *Cinnamomum kanehirae*, and the effects on immunity and disease resistance of white shrimp, *Litopenaeus vannamei*. *Fish & Shellfish Immunology* **27(1):26-32**.
- Yu, D, et al. 2009. Effects of administration mode of antibiotics on antibiotic resistance of *Enterococcus faecalis* in aquatic ecosystems. *Chemosphere* **76(7):915-920**.
- Yu, H-J, et al. 2009. Determination of erythromycin residue in fishery products by high performance liquid chromatography-tandem mass spectrometry. *Chinese Journal of Analysis Laboratory* **28(3):51-54**.
- Zhang, D, et al. 2010. In vitro antibacterial effect of berberine hydrochloride and enrofloxacin to fish pathogenic bacteria. *Aquaculture Research* **41(7):1095-1100**.
- Zhang, D, et al. 2010. In vitro antibacterial effect of berberine hydrochloride and enrofloxacin to fish pathogenic bacteria. *Aquaculture Research* **41(7):1095-1100**.
- Zilberg, D, et al. 2010. Dried leaves of *Rosmarinus officinalis* as a treatment for streptococcosis in tilapia. *Journal of Fish Diseases* **33(4):361-369**.
- Zilberg, D, et al. 2010. Dried leaves of *Rosmarinus officinalis* as a treatment for streptococcosis in tilapia. *Journal of Fish Diseases* **33(4):361-369**.
- Zilberg, D, et al. 2010. Dried leaves of *Rosmarinus officinalis* as a treatment for streptococcosis in tilapia. *Journal of Fish Diseases* **33(4):361-369**.
- Zong, H, et al. 2010. Research on florfenicol residue in coastal area of Dalian (Northern China) and analysis of functional diversity of the microbial community in marine sediment. *Bulletin of Environmental Contamination and Toxicology* **84(2):245-249**.

Parasite and Fungus Control

- Banavreh, A, et al. 2008. Effects of hydrogen peroxide on fungal disinfection, hatch rate and larval deformities of rainbow trout (*Oncorhynchus mykiss*). *Iranian Scientific Fisheries Journal* **16(4):163-168**.

- Berg, AGT, and Horsberg, TE. 2009. Plasma concentrations of emamectin benzoate after SliceTM treatments of Atlantic salmon (*Salmo salar*): differences between fish, cages, sites and seasons. *Aquaculture* **288(1-2):22-26**.
- Bozwell, JL, et al. 2009. Use of hydrogen peroxide to improve golden shiner egg hatchability. *North American Journal of Aquaculture* **71(3):238-241**.
- Bravo, S, et al. 2008. Sensitivity assessment of *Caligus rogercresseyi* to emamectin benzoate in Chile. *Aquaculture* **282(1-4):7-12**.
- Harikrishnan, R, et al. 2010. Effectiveness and immunomodulation of chemotherapeutants against scuticociliate *Philasterides dicentrarchi* in olive flounder. *Experimental Parasitology* **124(3):306-314**.
- Heinecke, RD, and Buchmann, K. 2009. Control of *Ichthyophthirius multifiliis* using a combination of water filtration and sodium percarbonate: dose-response studies. *Aquaculture* **288(1-2):32-35**.
- Hemaprassanth, KP, et al. 2008. Efficacy of doramectin against natural and experimental infections of *Lernaea cyprinacea* in carps. *Veterinary Parasitology* **156(3-4):261-269**.
- Heuch, PA, et al. 2009. Temporal and spatial variations in lice numbers on salmon farms in the Hardanger fjord 2004-06. *Journal of Fish Diseases* **32(1):89-100**.
- Jorgensen, TR, et al. 2009. Parasite infections in recirculated rainbow trout (*Oncorhynchus mykiss*) farms. *Aquaculture* **289(1-2):91-94**.
- Kouba, A, et al. 2010. Artificial incubation of noble crayfish (*Astacus astacus*) eggs in a partially recirculating system using formaldehyde as an antifungal treatment. *Aquaculture Research* **41(10):e618-e623**.
- Krogh, KA, et al. 2008. Development of an analytical method to determine avermectins in water, sediments, and soils using liquid chromatography-tandem mass spectrometry. *Journal of Chromatography "A"* **1212(1-2):60-69**.
- Lahnsteiner, F, et al. 2009. The risk of parasite transfer to juvenile fishes by live copepod food with the example *Triaenophorus crassus* and *Triaenophorus nodulosus*. *Aquaculture* **295(1-2):120-125**.
- Lees, F, et al. 2008. Factors associated with changing efficacy of emamectin benzoate against infestations of *Lepeophtheirus salmonis* on Scottish salmon farms. *Journal of Fish Diseases* **31(12):947-951**.
- Leibowitz, MP, et al. 2010. Treatment development for systemic *Tetrahymena sp.* infection in guppies, *Poecilia reticulata* Peters. *Journal of Fish Diseases* **33(6):473-480**.
- Liu, J, and Yang, G. 2009. Changes in copper content of allogynogenetic silver crucian carp after application of copper sulfate to fishponds. *Israeli Journal of Aquaculture/Bamidgeh* **61(4):351-355**.
- Matsche, MA, et al. 2010. Observations and treatment of *Nitzschia sturionis* on Atlantic Sturgeon from Chesapeake Bay. *Journal of Aquatic Animal Health* **22(3):174-181**.
- Mayor, D, et al. 2009. Effects of copper and the sea lice treatment Slice on nutrient release from marine sediments. *Marine Pollution Bulletin* **5(4):552-558**.

- Meinertz, JR, et al. 2008. Chronic toxicity of hydrogen peroxide to *Daphnia magna* in a continuous exposure, flow-through test system. *Science of the Total Environment* **392(2-3):225-232**.
- Melian, JAH, et al. 2008. Degradation and detoxification of formalin wastewater with aerated biological filters and wetland reactors. *Process Biochemistry* **43(12):1432-1435**.
- Mischke, CC, et al. 2009. Impact of copper sulfate on plankton in channel catfish nursery ponds. *Journal of the World Aquaculture Society* **40(1):122-128**.
- Mitchell, A, et al. 2010. Comparison of percent hatch and fungal infestation in channel catfish eggs after copper sulfate, diquat bromide, formalin, and hydrogen peroxide treatment. *North American Journal of Aquaculture* **72(3):201-206**.
- Mitchell, AJ, et al. 2008. Comparison of tank treatments with copper sulfate and potassium permanganate for sunshine bass with ichthyobodosis. *Journal of Aquatic Animal Health* **20(4):202-206**.
- Mitchell, AJ, et al. 2009. The effect of hydrogen peroxide on the hatch rate and *Saprolegnia* spp. infestation of channel catfish eggs. *North American Journal of Aquaculture* **71(3):276-280**.
- Mitchell, AJ, et al. 2010. Comparison of percent hatch and fungal infection in channel catfish eggs after copper sulfate, diquat bromide, formalin, and hydrogen peroxide treatment. *North American Journal of Aquaculture* **72(3):201-206**.
- Mitchell, AJ, et al. 2010. Comparison of percent hatch and fungal infection in channel catfish eggs after copper sulfate, diquat bromide, formalin, and hydrogen peroxide treatment. *North American Journal of Aquaculture* **72(3):201-206**.
- Pedersen, LF, et al. 2009. Peracetic acid degradation and effects on nitrification in recirculating aquaculture systems. *Aquaculture* **296(3-4):246-254**.
- Penston, MJ, et al. 2008. Reduced *Lepeophtheirus salmonis* larval abundance in a sea loch on the west coast of Scotland between 2002 and 2006. *Diseases of Aquatic Organisms* **81(2):109-117**.
- Polinski, M.P., et al. 2010. Assessment of formalin and hydrogen peroxide use during egg incubation of North American burbot. *North American Journal of Aquaculture* **72(2):111-117**.
- Robertson, PK, et al. 2009. A new generation of biocides for control of crustacea in fish farms. *Journal of Photochemistry and Photobiology B: Biology* **95(1):58-63**.
- Roque, A, et al. 2010. Physiological stress response of sea bass (*Dicentrarchus labrax*) to hydrogen peroxide (H₂O₂) exposure. *Aquaculture* **304(1-4):104-107**.
- Rowland, SJ, et al. 2008. Use of formalin and copper to control ichthyophthiriosis in the Australian freshwater fish silver perch (*Bidyanus bidyanus* Mitchell). *Aquaculture Research* **40:44-54**.
- Saksida, SM, et al. 2010. The efficacy of emamectin benzoate against infestations of sea lice, *Lepeophtheirus salmonis*, on farmed Atlantic salmon, *Salmo salar* L., in British Columbia. *Journal of Fish Diseases* **33(11):913-917**.

- Sampaio, FG, et al. 2010. The combined effect of copper and low pH on antioxidant defenses and biochemical parameters in neotropical fish pacu, *Piaractus mesopotamicus*. *Ecotoxicology* **19(5):963-976**.
- Shinn, AP, et al. 2009. Mechanical control of *Ichthyophthirius multifiliis* Fouquet, 1876 (Ciliophora) in a rainbow trout hatchery. *Aquacultural Engineering* **41(3):152-157**.
- Skilbrei, OT, et al. 2008. A laboratory study to evaluate the use of emamectin benzoate in the control of sea lice in sea-ranched Atlantic salmon (*Salmo salar* L.). *Aquaculture* **285(1-4): 2-7**.
- Straus, DL, et al. 2009. Copper sulfate toxicity to two isolates of *Ichthyophthirius multifiliis* relative to alkalinity. *Diseases of Aquatic Organisms* **84(1):31-36**.
- Straus, DL, et al. 2009. Laboratory dose confirmation of copper sulfate for treating fungus on channel catfish eggs. *North American Journal of Aquaculture* **71(4):333-338**.
- Straus, DL, et al. 2009. Optimizing copper sulfate treatments for fungus control on channel catfish eggs. *Journal of Aquatic Animal Health* **21(2):91-97**.
- Straus, DL. 2008. Copper sulfate toxicity to channel catfish fry: yolk-sac versus swim-up fry. *North American Journal of Aquaculture* **70(3):323-327**.
- Taylor, NGH, et al. 2009. Using length-frequency data to elucidate the population dynamics of *Argulus foliaceus* (Crustacea: Branchiura). *Parasitology* **136(9):1023-1032**.
- Wagner, EJ, et al. 2010. The safety and effectiveness of various hydrogen peroxide and iodine treatment regimens for rainbow trout egg disinfection. *North American Journal of Aquaculture* **72(2):34-42**.
- Walker, AB, et al. 2010. Surface disinfection and removal of adhesiveness from rainbow smelt eggs. *North American Journal of Aquaculture* **72(2):158-163**.
- Westcott, JD, et al. 2008. Optimization and field use of a bioassay to monitor sea lice *Lepeophtheirus salmonis* sensitivity to emamectin benzoate. *Diseases of Aquatic Organisms* **79(2):119-13**.

Sedation or Anesthesia

- Adebayo, OT, et al. 2010. Use of aqueous extracts of avocado pear, *Pyrus communis*, leaf as anaesthetic in gonadectomy of African catfish, *Clarias gariepinus*. *Journal of Applied Aquaculture* **22(2):117-122**.
- Adebayo, OT, et al. 2010. Use of aqueous extracts of avocado pear, *Pyrus communis*, leaf as anaesthetic in gonadectomy of African catfish, *Clarias gariepinus*. *Journal of Applied Aquaculture* **22(2):117-122**.
- Al-Hamdani, AH, et al. 2010. Experimental xylazine-ketamine anesthesia in the common carp (*Cyprinus carpio*). *Journal of Wildlife Diseases* **46(2):596-598**.
- Al-Hamdani, AH, et al. 2010. Experimental xylazine-ketamine anesthesia in the common carp (*Cyprinus carpio*). *Journal of Wildlife Diseases* **46(2):596-598**.
- Anraku, K, et al. 2009. Optimum concentration of magnesium (Mg^{2+}) to anesthetize octopus *Octopus vulgaris*. *Memoirs of the Faculty of Fisheries, Kagoshima University* **58:15-19 (English abstract)**.

- Azpeleta, C, et al. 2010. Melatonin reduces locomotor activity and circulating cortisol in goldfish. *Hormones and Behavior* **57(3):323-329**.
- Bilbao, A, et al. 2010. Efficiency of clove oil as anesthetic for abalone (*Haliotis tuberculata coccinea*, Reeve). *Journal of Shellfish Research* **29(3):679-682**.
- Blessing, JJ, et al. 2010. Humane killing of fishes for scientific research: a comparison of two methods. *Journal of Fish Biology* **76(10):2571-2577**.
- Blessing, JJ, et al. 2010. Humane killing of fishes for scientific research: a comparison of two methods. *Journal of Fish Biology* **76(10):2571-2577**.
- Boyer, SE, et al. 2009. Effects of the fish anesthetic, clove oil (eugenol), on coral health and growth. *Journal of Experimental Marine Biology and Ecology* **369(1):53-57**.
- Caamano Tubio, RI, et al. 2010. Home tank anesthesia: a very efficient method of attenuating handling stress in rainbow trout (*Oncorhynchus mykiss*, Walbaum). *Journal of Applied Ichthyology* **26(1):116-117**.
- Caamano Tubio, RI, et al. 2010. Home tank anesthesia: a very efficient method of attenuating handling stress in rainbow trout (*Oncorhynchus mykiss*, Walbaum). *Journal of Applied Ichthyology* **26(1):116-117**.
- Cook, DG, et al. 2009. Effect of harvest treatment on biochemical properties of farmed Chinook salmon (*Oncorhynchus tshawytscha*) tissue during frozen and thawed storage. *Journal of Food Science* **74(7):C543-C548**.
- Crosby, TC, et al. 2010. Plasma cortisol, blood glucose, and marketability of koi transported with metomidate hydrochloride. *North American Journal of Aquaculture* **72(2):141-149**.
- da Cunha, MA, et al. 2010. Essential oil of *Lippia alba*: a new anesthetic for silver catfish, *Rhamdia quelen*. *Aquaculture* **306(1-4):403-406**.
- Digre, H, et al. 2010. Electrical stunning of farmed Atlantic cod *Gadus morhua* L.: a comparison of an industrial and experimental method. *Aquaculture Research* **41(8):1190-1202**.
- Digre, H, et al. 2010. Electrical stunning of farmed Atlantic cod *Gadus morhua* L.: a comparison of an industrial and experimental method. *Aquaculture Research* **41(8):1190-1202**.
- Forgan, LG, and Forster, ME. 2010. Oxygen consumption, ventilation frequency and cytochrome c oxidase activity in blue cod (*Paraperca colias*) exposed to hydrogen sulphide or isoeugenol. *Comparative Biochemistry and Physiology, Part C: Toxicology & Pharmacology* **151(1):57-65**.
- Gullian, M, and Villanueva, J. 2009. Efficacy of tricaine methanesulphonate and clove oil as anaesthetics for juvenile coho *Rachycentron canadum*. *Aquaculture Research* **40(7):852-860**.
- Hanley, CS, et al. 2010. Effects of anesthesia and surgery on serial blood gas values and lactate concentrations in yellow perch (*Perca flavescens*), walleye pike (*Sander vitreus*), and koi (*Cyprinus carpio*). *Journal of the American Veterinary Medical Association* **236(10):1104-1108**.
- Hanley, CS, et al. 2010. Effects of anesthesia and surgery on serial blood gas values and lactate concentrations in yellow perch (*Perca flavescens*), walleye pike (*Sander vitreus*), and koi

- (*Cyprinus carpio*). *Journal of the American Veterinary Medical Association* **236(10):1104-1108**.
- Hegyi, A, et al. 2010. Investigation of potential stress parameters in rainbow trout (*Oncorhynchus mykiss*). *Acta Biologica Hungarica* **61(1):24-32**.
- Huang, W-C, et al. 2010. Combined use of MS-222 (tricaine) and isoflurane extends anesthesia time and minimizes cardiac rhythm side effects in adult zebrafish. *Zebrafish* **7(3):297-304**.
- Ikeda, Y, et al. 2009. Method of ethanol anaesthesia and individual marking for oval squid (*Sepioteuthis lessoniana* Ferussac, 1831 in Lesson 1830-1831). *Aquaculture Research* **41(1):157-160**.
- Iversen, M, and Eliassen, RA. 2009. The effect of AQUI-STM sedation on primary, secondary, and tertiary stress responses during salmon smolt, *Salmo salar* L., transport and transfer to sea. *Journal of the World Aquaculture Society* **40(2):216-225**.
- Iversen, M., et al. 2009. Potential benefit of clove oil sedation on animal welfare during salmon smolt, *Salmo salar* L., transport and transfer to sea. *Aquaculture Research* **40: 233-241**.
- Kiessling, A, et al. 2009. Pharmacokinetics, plasma cortisol, and effectiveness of benzocaine, MS-222, and isoeugenol measured in individual dorsal aorta-cannulated Atlantic salmon *Salmo salar* following bath administration. *Aquaculture* **286(3-4):301-308**.
- Kilgore, KH, et al. 2009. Investigational use of metomidate hydrochloride as a shipping additive for two ornamental fishes. *Journal of Aquatic Animal Health* **21(3):133-139**.
- Lambooi, B, et al. 2009. Anaesthetic properties of Propiscin (etomidate) and 2-phenoxyethanol in the common carp (*Cyprinus carpio* L.), neural and behavioral measures. *Aquaculture Research* **40(11):1328-1333**.
- Mamangkey, NGF, et al. 2009. Use of anaesthetics with the silver-lip pearl oyster, *Pinctada maxima* (Jameson). *Aquaculture* **288(3-4):280-284**.
- Matos, E, et al. 2010. Effect of harvesting stress and slaughter conditions on selected flesh quality criteria of gilthead seabream (*Sparus aurata*). *Aquaculture* **305(1-4):66-72**.
- Matos, E, et al. 2010. Effect of harvesting stress and slaughter conditions on selected flesh quality criteria of gilthead seabream (*Sparus aurata*). *Aquaculture* **305(1-4):66-72**.
- Meinertz, JR, and Schreier, TM. 2009. Depletion of isoeugenol residues from the fillet tissue of AQUI-STM exposed rainbow trout (*Oncorhynchus mykiss*). *Aquaculture* **296(3-4):200-206**.
- Noble, WJ, et al. 2009. Application of anaesthetics for sex identification and bioactive compound recovery from wild *Dicathais orbita*. *Journal of Experimental Marine Biology and Ecology* **380(1-2):53-60**.
- Otero-Ferrer, F, et al. 2010. Live prey first feeding regimes for short-snouted seahorse *Hippocampus hippocampus* (Linnaeus, 1758) juveniles. *Aquaculture Research* **41(9):e8-e19**.
- Otero-Ferrer, F, et al. 2010. Live prey first feeding regimes for short-snouted seahorse *Hippocampus hippocampus* (Linnaeus, 1758) juveniles. *Aquaculture Research* **41(9):e8-e19**.
- Park, IS, et al. 2009. Anesthetic effects of lidocaine-hydrochloride on water parameters in simulated transport experiment of juvenile winter flounder, *Pleuronectes americanus*. *Aquaculture* **294(1-2):76-79**.

- Park, MO, et al. 2009. Efficacy and physiological responses of rock bream *Oplegnathus fasciatus* to anesthetization with clove oil. *Aquaculture* **287(3-4):427-430**.
- Pramod, P, et al. 2010. Comparative efficacy of MS-222 and benzocaine as anaesthetics under simulated transport conditions of a tropical ornamental fish *Puntius filamentosus* (Valenciennes). *Aquaculture Research* **41(2):309-314**.
- Pramrod, P, et al. 2010. Effects of two anesthetics on water quality during a simulated transport of a tropical ornamental fish, the Indian tiger barb, *Puntius filamentosus*. *North American Journal of Aquaculture* **72(4):290-297**.
- Robertson, DR, and Smith-Vaniz, WF. 2010. Use of clove oil in collecting coral reef fishes for research. *Marine Ecology Progress Series* **401:295-302**.
- Ross, LG, and Ross, B. 2008. *Anaesthetic and Sedative Techniques for Aquatic Animals*, 3rd edition. Blackwell Publishing, Ames, Iowa.
- Sadigh Eteghad, S, et al. 2008. Comparative survey on anesthetizing effects of medicinal herbs *Valerian officinalis*, *Melissa officinalis*, *Papaver somniferum*, and *Papaver bracteatum* on gold fish *Carassius auratus*. *Iranian Scientific Fisheries Journal* **17(1):91-98**.
- Sattari, A, et al. 2009. Comparison of electroanesthesia with chemical anesthesia (MS222 and clove oil) in rainbow trout (*Oncorhynchus mykiss*) using plasma cortisol and glucose responses as physiological stress indicators. *Asian Journal of Animal and Veterinary Advances* **4(6):306-313**.
- Saydmohammed, M, and Pal, AK. 2009. Anesthetic effect of eugenol and menthol on handling stress in *Macrobrachium rosenbergii*. *Aquaculture* **298(1-2):162-167**.
- Sharif Rohani, M, et al. 2008. A study of the anesthetic effect of *Zataria multiflora* Boiss (Labiatae) essence on *Oncorhynchus mykiss* and cultured *Salmo trutta caspius*. *Iranian Scientific Fisheries Journal* **16(4):99-106**.
- Sink, TD, et al. 2009. Stress response and posttransport survival of hybrid striped bass transported with or without clove oil. *North American Journal of Aquaculture* **71(3):267-275**.
- Suquet, M, et al. 2009. Anesthesia in Pacific oyster, *Crassostrea gigas*. *Aquatic Living Resources* **22(1):29-34**.
- Suquet, M, et al. 2010. Anaesthesia and gonad sampling in the European flat oyster (*Ostrea edulis*). *Aquaculture* **308(3-4):196-198**.
- Tuckey, NPL, et al. 2010. Effects of rested harvesting on muscle metabolite concentrations and K-values in Chinook salmon (*Oncorhynchus tshawytscha*) fillets during storage at 15°C. *Journal of Food Science* **75(5):C459-C464**.
- Tuckey, NPL, et al. 2010. Effects of rested harvesting on muscle metabolite concentrations and K-values in Chinook salmon (*Oncorhynchus tshawytscha*) fillets during storage at 15°C. *Journal of Food Science* **75(5):C459-C464**.
- Velisek, J, et al. 2009. Comparison of the effects of four anaesthetics on biochemical blood profiles of perch. *Aquaculture Research* **40(3):354-361**.
- Vera, LM, et al. 2010. MS-222 toxicity in juvenile seabream correlates with diurnal activity, as measured by a novel video-tracking method. *Aquaculture* **307(1-2):29-34**.

- Vera, LM, et al. 2010. MS-222 toxicity in juvenile seabream correlates with diurnal activity, as measured by a novel video-tracking method. *Aquaculture* **307(1-2):29-34**.
- Weber, RA, et al. 2009. The efficacy of 2-phenoxyethanol, metomidate, clove oil and MS-222 as anaesthetic agents in the Senegalese sole (*Solea senegalensis* Kaup 1858). *Aquaculture* **288(1-2):147-150**.
- Woods, LC, et al. 2008. Efficacy of Aqui-S as an anesthetic for market-sized striped bass. *North American Journal of Aquaculture* **70(2):219-222**.
- Zahl, IH, et al. 2009. Anaesthesia of Atlantic cod (*Gadus morhua*) - Effect of pre-anaesthetic sedation, and importance of body weight, temperature and stress *Aquaculture* **295(1-2):52-59**.

Skeletal Marking

- Brooke, S, and Young, CM. 2010. *In situ* measurement of survival and growth of *Lophelia pertusa* in the northern Gulf of Mexico. *Marine Ecology Progress Series* **397:153-161**.
- Caudron, A, and Champigneulle, A. 2009. Multiple marking of otoliths of brown trout, *Salmo trutta* L., with alizarin red S to compare efficiency of stocking of three early life stages. *Fisheries Management and Ecology* **16(3):219-224**.
- Crook, DA, et al. 2009. Development and evaluation of methods for osmotic induction marking of golden perch *Macquaria ambigua* with calcein and alizarin red S. *North American Journal of Fisheries Management* **29(2):279-287**.
- Dong, Z, et al. 2010. A fluorescent method for marking the cuttlefish, *Sepiella maindroni de rochebrune*. *Journal of Zhejiang Ocean University* **29(2):120-127**.
- Dougherty, AB. 2008. Daily and sub-daily otolith increments of larval and juvenile walleye pollock, *Theragra chalcogramma* (Pallas), as validated by alizarin complexone experiments. *Fisheries Research* **90(1-3):271-278**.
- Durham, BW, and Wilde, GR. 2008. Validation of daily growth increment formation in the otoliths of juvenile cyprinid fishes from the Brazos River, Texas. *North American Journal of Fisheries Management* **28(2):442-446**.
- Ebert, TA. 2010. Demographic patterns of the purple sea urchin *Strongylocentrotus purpuratus* along a latitudinal gradient, 1985-1987. *Marine Ecology Progress Series* **406:105-120**.
- Ellers, O., and Johnson, AS. 2009. Polyfluorochrome marking slows growth only during the marking month in the green sea urchin *Strongylocentrotus droebachiensis*. *Invertebrate Biology* **128(2):126-144**.
- Fontagne, S, et al. 2009. Effects of dietary phosphorus and calcium level on growth and skeletal development in rainbow trout (*Oncorhynchus mykiss*) fry. *Aquaculture* **297(1-4):141-150**.
- Fujiwara, K, et al. 2010. Multiple marking of alizarin complexone for the otolith of nigorobuna *Carassius auratus grandoculis* and estimation of individual size-at-release. *Nippon Suisan Gakkaishi* **76(4):637-645**.
- Hermans, J, et al. 2010. Growth rate and chemical features of the massive calcium carbonate skeleton of *Petrobiona massiliana* (Baeriida: Calcaronea: Calcispongiae). *Journal of the Marine Biological Association of the United Kingdom* **90(4):749-754**.

- Hermans, J, et al. 2010. Growth rate and chemical features of the massive calcium carbonate skeleton of *Petrobiona massiliana* (Baeriida: Calcaronea: Calcispongiae). *Journal of the Marine Biological Association of the United Kingdom* **90(4):749-754**.
- Herrmann, M, et al. 2009. Growth estimations of the Argentinean wedge clam *Donax hanleyanus*: a comparison between length-frequency distribution and size-increment analysis. *Journal of Experimental Marine Biology and Ecology* **379(1-2):8-15**.
- Johnson, JE, et al. 2010. Mass-marking reveals emerging self regulation of the Chinook salmon population in Lake Huron. *North American Journal of Fisheries Management* **30(2):518-529**.
- Johnson, JE, et al. 2010. Mass-marking reveals emerging self regulation of the Chinook salmon population in Lake Huron. *North American Journal of Fisheries Management* **30(2):518-529**.
- Kanou, K, et al. 2009. Alizarin complexone staining of the otolith and scale of largemouth bass, *Micropterus salmoides*. *Journal of Fisheries Technology (Yokohama)* **1(2):71-75**.
- Kuroki, M, et al. 2010. Validation and efficacy of transgenerational mass marking of otoliths in viviparous fish larvae. *Journal of Fish Biology* **77(1):292-298**.
- Kuroki, M, et al. 2010. Validation and efficacy of transgenerational mass marking of otoliths in viviparous fish larvae. *Journal of Fish Biology* **77(1):292-298**.
- Lartaud, F, et al. 2010. Experimental growth pattern calibration of Antarctic scallop shells (*Adamussium colbecki*, Smith 1902) to provide a biogenic archive of high-resolution records of environmental and climatic changes. *Journal of Experimental Marine Biology and Ecology* **393(1-2):158-167**.
- Lartaud, F, et al. 2010. Experimental growth pattern calibration of Antarctic scallop shells (*Adamussium colbecki*, Smith 1902) to provide a biogenic archive of high-resolution records of environmental and climatic changes. *Journal of Experimental Marine Biology and Ecology* **393(1-2):158-167**.
- Liu, Q, et al. 2009. The use of alizarin red S and alizarin complexone for immersion marking Japanese flounder *Paralichthys olivaceus* (T.). *Fisheries Research* **98(1-3):67-74**.
- Michels, J, and Buentzow, M. 2010. Assessment of Congo red as a fluorescence marker for the exoskeleton of small crustaceans and the cuticle of polychaetes. *Journal of Microscopy* **238(2):95-101**.
- Mohler, JW, and Bradley, KM. 2008. Removal of calcein in wastewater produced from the batch marking of fish. *North American Journal of Fisheries Management* **28(4):1177-1181**.
- Morales-Nin, B, et al. 2010. Marking of otoliths, age validation and growth of *Argyrosomus regius* juveniles (Sciaenidae). *Fisheries Research* **106(1):76-80**.
- Nakaya, M, et al. 2008. Validation of otolith daily increments for larval and juvenile Japanese halfbeak *Hyporhamphus sajori*. *Fisheries Research* **93(1-2):186-189**.
- Pierce, SJ, and Bennett, MB. 2010. Validated annual band-pair periodicity and growth parameters of blue-spotted maskray *Neotrygon kuhlii* from south-east Queensland, Australia. *Journal of Fish Biology* **75(10):2490-2508**.
- Purcell, SW, and Blockmans, BF. 2009. Effective fluorochrome marking of juvenile sea cucumbers for sea ranching and restocking. *Aquaculture* **296(3-4):263-270**.

- Simon, J, et al. 2009. Growth and mortality of European glass eel *Anguilla anguilla* marked with oxytetracycline and alizarin red. *Journal of Fish Biology* **74(1):289-295**.
- Smith, JE, et al. 2010. An osmotic induction method for externally marking saltwater fishes, *Stigmatopora argus* and *Stigmatopora nigra*, with calcein. *Journal of Fish Biology* **76(4):1055-1060**.
- Torao, M, et al. 2010. Seasonal timing of downstream migration and migrating speed of the hatchery and wild pink salmon, *Oncorhynchus gorbuscha*, fry in the Tohoro River, eastern Hokkaido, Japan. *Scientific Reports of the Hokkaido Fish Hatchery* **64:7-15**.
- Treble, MA, et al. 2008. Growth analysis and age validation of a deepwater Arctic fish, the Greenland halibut (*Reinhardtius hippoglossoides*). *Canadian Journal of Fisheries and Aquatic Sciences* **65(6):1047-1059**.
- Verreault, G, et al. 2010. First record of migrating silver American eels (*Anguilla rostrata*) in the St. Lawrence Estuary originating from a stocking program. *Journal of Great Lakes Research* **36(4):794-797**.
- Walsh, CT, et al. 2010. Growth, episodic recruitment and age truncation in populations of a catadromous percichthyid, *Macquaria colonorum*. *Marine & Freshwater Research* **61(4):397-407**.

Spawning Hormones and Gender Manipulation

- Adebayo, OT, and Fatoyinbo, OA. 2010. Effect of storage period on the efficacy of African bull frog pituitary extract for induced spawning of *Clarias gariepinus* [African catfish]. *International Journal of Zoological Research* **6(4):369-372**.
- Adebayo, OT, and Popoola, OM. 2008. Comparative evaluation of efficacy and cost of synthetic and non-synthetic hormones for artificial breeding of African catfish, *Clarias gariepinus* (Burchell, 1822). *Journal of Fisheries and Aquatic Science* **3(1):66-71**.
- Belanger, R, et al. 2010. Methyltestosterone-induced changes in electro-olfactogram responses and courtship behaviors of cyprinids. *Chemical Senses* **35(1):65-74**.
- Cabrita, E, et al. 2009. Successful cryopreservation of sperm from sex-reversed dusky grouper *Epinephelus marginatus*. *Aquaculture* **287(1-2):152-157**.
- Correia, TG, et al. 2010. Aluminum as an endocrine disruptor in female Nile tilapia (*Oreochromis niloticus*). *Comparative Biochemistry and Physiology, Part C: Toxicology & Pharmacology* **151(4):461-466**.
- Cuevas-Urbe, R, et al. 2009. Progress in studies on hormonal sex reversal and genetic sex control in black crappie. *Reviews in Fisheries Science* **17(1):1-7**.
- Drummond, CD, et al. 2009. Growth and survival of tilapia *Oreochromis niloticus* (Linnaeus, 1758) submitted to different temperatures during the process of sex reversal. *Ciencia e Agrotecnologia* **33(3):895-902**.
- Gao, Z-X, et al. 2010. Effects of a nonsteroidal aromatase inhibitor on gonadal differentiation of bluegill sunfish *Lepomis macrochirus*. *Aquaculture Research* **41(9):1282-1289**.

- Garber, AF, et al. 2009. Hormonal induction of ovulation and spermiation in Atlantic cod (*Gadus morhua*). *Aquaculture* **296(1-2):179-183**.
- Green, BW & Teichert-Coddington, DR. 2000. Human food safety and environmental assessment of the use of 17 α -methyltestosterone to produce male tilapia in the United States. *Journal of the World Aquaculture Society* **31(3):337-357**.
- Haffray, P, et al. 2009. Genetic determination and temperature effects on turbot *Scophthalmus maximus* sex differentiation: an investigation using steroid sex-inverted males and females. *Aquaculture* **294(1-2):30-36**.
- Haffray, P, et al. 2009. Successful production of monosex female brook trout *Salvelinus fontinalis* using gynogenetic sex reversed males by a combination of methyltestosterone immersion and oral treatments. *Aquaculture* **290(1-2): 47-52**.
- Hayashi, Y, et al. 2010. High temperature causes masculinization of genetically female medaka by elevation of cortisol. *Molecular Reproduction and Development* **77(8):679-686**.
- Hill, JE, et al. 2009. Survey of Ovaprim[®] use as a spawning aid in ornamental fishes in the United States as administered through the University of Florida Tropical Aquaculture Laboratory. *North American Journal of Aquaculture* **71(3):206-209**.
- Homklin, S, et al. 2009. Biodegradation of 17 alpha-methyltestosterone and isolation of MT-degrading bacterium from sediment of a Nile tilapia masculinization pond. *Water Science & Technology* **59(2):261-265**.
- Hulak, M, et al. 2010. Morphological sex change upon treatment by endocrine modulators in meiogynogenetic tench (*Tinca tinca* L.). *Aquaculture Research* **41(2):233-239**.
- Kamaruzzaman, N, et al. 2009. Growth performance of mixed sex, hormonally sex reversed and progeny of YY male tilapia of the GIFT strain, *Oreochromis niloticus*. *Aquaculture Research* **40(6):720-728**.
- Kang, IJ, et al. 2008. The effects of methyltestosterone on the sexual development and reproduction of adult medaka (*Oryzias latipes*). *Aquatic Toxicology* **87(1):37-46**.
- Krol, J, et al. 2009. The effects of commercial preparations containing two different GnRH analogues and dopamine antagonists on spermiation and sperm characteristics in the European smelt *Osmerus eperlanus* (L.). *Aquaculture* **286(3-4):328-331**.
- Kuzminski, H, and Dobosz, S. 2010. Effect of sex reversal in rainbow trout (*Oncorhynchus mykiss* Walbaum) using 17-alfa-methyltestosterone and 11-beta-hydroxyandrostenedione. *Archives of Polish Fisheries* **18(1):45-49**.
- Li, SW, et al. 2009. Analysis of differential expression and characterization of PIN in the gonads during sex reversal in the red-spotted grouper. *Molecular and Cellular Endocrinology* **309(1-2):32-38**.
- Lin, BL, et al. 2009. The fragmented testis method: development and its advantages of a new quantitative evaluation technique for detection of testis-ova in male fish. *Ecotoxicology and Environmental Safety* **72(2):286-292**.
- Luo, Y-S, et al. 2010. Molecular cloning and mRNA expression pattern of Sox9 during sex reversal in orange-spotted grouper (*Epinephelus coioides*). *Aquaculture* **306(1-4):322-328**.

- Murata, R, et al. 2010. Precocious sex change and spermatogenesis in the underyearling Malabar grouper *Epinephelus malabaricus* by androgen treatment. *Aquaculture Research* **41(2):303-308**.
- Navarro-Martin, L, et al. 2009. Balancing the effects of rearing at low temperature during early development on sex ratios, growth and maturation in the European sea bass (*Dicentrarchus labrax*). *Aquaculture* **296(3-4):347-358**.
- Noori, A, et al. 2010. LHRHa-induced ovulation of the endangered Caspian brown trout (*Salmo trutta caspius*) and its effect on egg quality and two sex steroids: testosterone and 17 alpha-hydroxyprogesterone. *Aquaculture Research* **41(6):871-877**.
- Ruksana, S, et al. 2010. Efficacy of exemestane, a new generation of aromatase inhibitor, on sex differentiation in a gonochoristic fish. *Comparative Biochemistry and Physiology, Part C: Toxicology & Pharmacology* **152(1):69-74**.
- Selim, KM, et al. 2009. Effects of high temperature on sex differentiation and germ cell population in medaka, *Oryzias latipes*. *Aquaculture* **289(3-4):340-349**.
- Shi, Y, et al. 2010. Molecular identification of the Kiss2/Kiss1ra system and its potential function during 17alpha-methyltestosterone-induced sex reversal in the orange-spotted grouper, *Epinephelus coioides*. *Biology of Reproduction* **83(1):63-74**.
- Sugni, M, et al. 2010. Chemical fate and biological effects of several endocrine disrupters compounds in two echinoderm species. *Ecotoxicology* **19(3):538-554**.
- Sun, P, et al. 2010. Steroid sex hormone dynamics during estradiol-17 beta induced gonadal differentiation in *Paralichthys olivaceus* (Teleostei). *Chinese Journal of Oceanology and Limnology* **28(2):254-259**.
- Targonska, K, et al. 2010. Controlled reproduction of asp, *Aspius aspius* (L.) using luteinizing hormone releasing hormone (LHRH) analogues with dopamine inhibitors. *Aquaculture* **306(1-4):407-410**.
- Tong, S-K, et al. 2010. Zebrafish monosex population reveals female dominance in sex determination and earliest events of gonad differentiation. *Developmental Biology* **344(2):849-856**.
- Vincent, M, and Thomas, KJ. 2008. Nuptial colouration and courtship behaviour during induced breeding of the swamp barb *Puntius chola*, a freshwater fish. *Current Science* **94(7):922-925**.
- Wang, HP, et al. 2008. Effects of estradiol-17 beta on survival, growth performance, sex reversal, and gonadal structure of bluegill sunfish *Lepomis macrochirus*. *Aquaculture* **285(1-4):216-223**.
- Yaron, Z, et al. 2009. Spawning induction in the carp: past experience and future prospects - a review. *Israeli Journal of Aquaculture/Bamidgeh* **61(1):5-26**.
- Zhang, D, et al. 2010. Temporal expression and steroidal regulation of piRNA pathway genes (mael, piwi, vasa) during *Silurana* (*Xenopus*) *tropicalis* embryogenesis and early larval development. *Comparative Biochemistry and Physiology, Part C: Toxicology & Pharmacology* **152(2):202-206**.

Miscellaneous

- Broughton, EI, and Walker, DG. 2010. Policies and practices for aquaculture food safety in China. *Food Policy* **35(5):471-478**.
- Bueno, MJM, et al. 2009. Application of passive sampling devices for screening of micro-pollutants in marine aquaculture using LC-MS/MS. *Talanta* **77(4):1518-1527**.
- Clearwater, SJ, et al. 2008. Overview of potential piscicides and molluscicides for controlling aquatic pest species in New Zealand. *New Zealand Department of Conservation Research and Development Series* **283:5-72**.
- Cole, DW, et al. 2009. Aquaculture: environmental, toxicological, and health issues. *International Journal of Hygiene and Environmental Health* **212(4):369-377**.
- Davis, MW. 2010. Fish stress and mortality can be predicted using reflex impairment. *Fish and Fisheries* **11(1):1-11**.
- de Amorim, MP, et al. 2009. Early development of the silver catfish *Rhamdia quelen* (Quoy & Gaimard, 1824) (Pisces: Heptapteridae) from the Sao Francisco River Basin, Brazil. *Aquaculture Research* **40(72-180)**.
- Ducrot, V, et al. 2010. Modeling effects of diquat under realistic exposure patterns in genetically differentiated populations of the gastropod *Lymnaea stagnalis*. *Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences* **365(1557):3485-3494**.
- Gates, KW. 2010. Fishery products—quality, safety and authenticity. *Journal of Aquatic Food Product Technology* **19(3-4):318-325**.
- Green, TJ, et al. 2009. Differential expression of genes encoding anti-oxidant enzymes in Sydney rock oysters *Saccostrea glomerata* (Gould) selected for disease resistance. *Fish & Shellfish Immunology* **26(5):799-810**.
- Harikrishnan, R, et al. 2010. Immune enhancement of chemotherapeutants on lymphocystis disease virus (LDV) infected *Paralichthys olivaceus*. *Fish & Shellfish Immunology* **29(5):862-867**.
- Harnisz, M, and Tucholski, S. 2010. Microbial quality of common carp and pikeperch fingerlings cultured in a pond fed with treated wastewater. *Ecological Engineering* **36(4):466-470**.
- Immanuel, G, et al. 2009. Dietary medicinal plant extracts improve growth, immune activity and survival of tilapia *Oreochromis mossambicus*. *Journal of Fish Biology* **74(7):1462-1475**.
- Ji, K, et al. 2010. Effects of sulfathiazole, oxytetracycline and chlortetracycline on steroidogenesis in the human adrenocarcinoma (H295R) cell line and freshwater fish *Oryzias latipes*. *Journal of Hazardous Materials* **182(1-3):494-502**.
- Ji, K, et al. 2010. Effects of sulfathiazole, oxytetracycline and chlortetracycline on steroidogenesis in the human adrenocarcinoma (H295R) cell line and freshwater fish *Oryzias latipes*. *Journal of Hazardous Materials* **182(1-3):494-502**.
- Kim, HY, et al. 2010. Monitoring of veterinary drug residues in foods produced in Korea. *Korean Journal of Food Science and Technology* **42(6):653-663**.

- Lauzon, HL, et al. 2010. Microbiota of Atlantic cod (*Gadus morhua* L.) rearing systems at pre- and posthatch stages and the effect of different treatments. *Journal of Applied Microbiology* **109(5):1775-1789**.
- Marva, F, et al. 2010. Adaptation of green microalgae to the herbicides simazine and diquat as result of pre-selective mutations. *Aquatic Toxicology* **96(2):130-134**.
- Marva, F, et al. 2010. Adaptation of green microalgae to the herbicides simazine and diquat as result of pre-selective mutations. *Aquatic Toxicology* **96(2):130-134**.
- Mayor, DJ, et al. 2008. Acute toxicity of some treatments commonly used by the salmonid aquaculture industry to *Corophium volutator* and *Hediste diversicolor*: whole sediment bioassay tests. *Aquaculture* **285(1-4):102-108**.
- Merrifield, DL, et al. 2010. Probiotic applications for rainbow trout (*Oncorhynchus mykiss* Walbaum) II. Effects on growth performance, feed utilization, intestinal microbiota and related health criteria postantibiotic treatment. *Aquaculture Nutrition* **16(5):496-503**.
- Miladi, H, et al. 2010. Inhibitory effect of clove oil (*Syzygium aromaticum*) against listeria monocytogenes cells incubated in fresh-cut salmon. *Journal of Food Safety* **30(2):432-442**.
- Miladi, H, et al. 2010. Inhibitory effect of clove oil (*Syzygium aromaticum*) against listeria monocytogenes cells incubated in fresh-cut salmon. *Journal of Food Safety* **30(2):432-442**.
- Milenkovski, S, et al. 2010. Toxicity of fungicides to natural bacterial communities in wetland water and sediment measured using leucine incorporation and potential denitrification. *Ecotoxicology* **19(2):285-294**.
- Milenkovski, S, et al. 2010. Toxicity of fungicides to natural bacterial communities in wetland water and sediment measured using leucine incorporation and potential denitrification. *Ecotoxicology* **19(2):285-294**.
- Mitchell, A, and Farmer, B. 2010. Evaluation of an ultra-low-flow water delivery system for small experimental tanks. *North American Journal of Aquaculture* **72(3):195-200**.
- Mitchell, A, and Farmer, B. 2010. Evaluation of an ultra-low-flow water delivery system for small experimental tanks. *North American Journal of Aquaculture* **72(3):195-200**.
- Moeller, MS, et al. 2010. Degradation and effect of hydrogen peroxide in small-scale recirculation aquaculture system biofilters. *Aquaculture Research* **41(8):1113-1122**.
- Moeller, MS, et al. 2010. Degradation and effect of hydrogen peroxide in small-scale recirculation aquaculture system biofilters. *Aquaculture Research* **41(8):1113-1122**.
- Mudryk, Z, et al. 2010. Detection of antibiotic resistant bacteria inhabiting the sand of non-recreational marine beach. *Marine Pollution Bulletin* **60(2):207-214**.
- Munoz, I, et al. 2010. Environmental and human health risk assessment of organic micro-pollutants occurring in a Spanish marine fish farm. *Environmental Pollution* **158(5):1809-1816**.
- Munoz, I, et al. 2010. Environmental and human health risk assessment of organic micro-pollutants occurring in a Spanish marine fish farm. *Environmental Pollution* **158(5):1809-1816**.

- Oplinger, R, et al. 2009. Effect of sodium chloride, tricaine methanesulfonate, and light on New Zealand mud snail behavior, survival of snails defecated from rainbow trout, and effects of Epsom salt on snail elimination rate. *North American Journal of Aquaculture* **71(2):157-164**.
- Oplinger, RW, and Wagner, EJ. 2009. Toxicity of common aquaculture disinfectants to New Zealand mud snails and mud snail toxicants to rainbow trout eggs. *North American Journal of Aquaculture* **71(3):229-237**.
- Oplinger, RW, and Wagner, EJ. 2010. Effect of potassium permanganate treatments on New Zealand mud snail behavior and survival and rainbow trout growth and condition. *North American Journal of Aquaculture* **72(3):207-212**.
- Park, K, and Heo, G-J. 2009. Acute and subacute toxicity of copper sulfate pentahydrate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$) in the guppy (*Poecilia reticulata*). *Journal of Veterinary Medical Science* **71(3):333-336**.
- Pizzolon, M, et al. 2010. When fathers make the difference: efficacy of male sexually selected antimicrobial glands in enhancing fish hatching success. *Functional Ecology* **24(1):141-148**.
- Rambla-Alegre, M, et al. 2010. Analysis of selected veterinary antibiotics in fish by micellar liquid chromatography with fluorescence detection and validation in accordance with regulation 2002/657/EC. *Food Chemistry* **123(4):1294-1302**.
- Ribeiro, RV, et al. 2010. Incidence and antimicrobial resistance of enteropathogens isolated from an integrated aquaculture system. *Letters in Applied Microbiology* **51(6):611-618**.
- Aguilera, B, et al. 2009. Otolith growth of European sea bass (*Dicentrarchus labrax* L.) larvae fed with constant or varying food levels. *Scientia Marina (Barcelona)* **73(1):173-182**.
- Sanabria, C, et al. 2009. Effects of commonly used disinfectants and temperature on swim bladder non-inflation in freshwater angelfish *Pterophyllum scalare* (Lichtenstein). *Aquaculture* **292(3-4):158-165**.
- Schillaci, D, et al. 2010. Antimicrobial and antistaphylococcal biofilm activity from the sea urchin *Paracentrotus lividus*. *Journal of Applied Microbiology* **108(1):17-24**.
- Shao, X-p, et al. 2010. Effects of dietary copper sources and levels on performance, copper status, plasma antioxidant activities and relative copper bioavailability in *Carassius auratus gibelio*. *Aquaculture* **308(1-2):60-65**.
- Shao, X-p, et al. 2010. Effects of dietary copper sources and levels on performance, copper status, plasma antioxidant activities and relative copper bioavailability in *Carassius auratus gibelio*. *Aquaculture* **308(1-2):60-65**.
- Stachowiak, M, et al. 2010. Tetracycline-resistant *Escherichia coli* in a small stream receiving fish hatchery effluent. *Water, Air, & Soil Pollution* **211(1-4):251-259**.
- Stachowiak, M, et al. 2010. Tetracycline-resistant *Escherichia coli* in a small stream receiving fish hatchery effluent. *Water, Air, & Soil Pollution* **211(1-4):251-259**.
- Sun, K, et al. 2010. Sorption of endocrine disrupting chemicals by condensed organic matter in soils and sediments. *Chemosphere* **80(7):709-715**.
- Sun, K, et al. 2010. Sorption of endocrine disrupting chemicals by condensed organic matter in soils and sediments. *Chemosphere* **80(7):709-715**.

- Tacon, AGJ, and Metian, M. 2008. Aquaculture feed and food safety. *Annals of the New York Academy of Sciences* **1140(1):50-59**.
- Velicu, M, and Suri, R. 2009. Presence of steroid hormones and antibiotics in surface water of agricultural, suburban and mixed-use areas. *Environmental Monitoring and Assessment* **154(1-4):349-359**.
- Wilkinson, RJ, et al. 2008. The effects of pre-harvest stress and harvest method on the stress response, rigor onset, muscle pH, and drip loss in barramundi *Lates calcarifer*. *Aquaculture* **282(1-4):26-32**.
- Yamashita, Y, et al. 2009. The synthetic antioxidant, ethoxyquin, adversely affects immunity in tilapia (*Oreochromis niloticus*). *Aquaculture Nutrition* **15(2):144-151**.
- Yao, H, et al. 2009. A high throughput chemiluminescence method for determination of chemical oxygen demand in waters. *Analytica Chimica Acta* **633(1):76-80**.